



# Bitumen 30/45

(Penetration Grade Bitumen)

## PRODUCT DATA SHEET

Bitumen 30/45 is a hard penetration grade bitumen primarily used in the construction and maintenance of roads, as well as in various industrial applications. It is a refined product obtained from the distillation of crude oil, characterized by its adhesive and waterproofing properties.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C, 100gm, 5sec	0.1MM	30-45	EN 1426
Softening Point, Ring & Ball	°C	52-60	EN 1427
<b>Resistance to Hardening at 163°C</b>			
Change of Mass	%	Max. 0.5	EN 12607-1
Retained Penetration	°C	Min. 55.0	EN 1426
Increase in softening point	°C	Max. 8.0	EN 1427
Flash Point	°C	Min. 240.0	EN ISO 2592
Solubility	%	Min. 99.0	EN 12592
Kinematic Viscosity at 135°C	mm <sup>2</sup> /s	Min. 400.0	EN 12595
Dynamic Viscosity at 60°C	Pa.s	Min. 260.0	EN 12596

### Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping.

### Application:

Bitumen 30/45 is suitable for road construction and repairs. It has very high performance in terms of resistance to ageing and plasticity which make it a great product in road paving sector for the realization of asphalt mixtures for roadways, runways, pavement, track race and landing platform.

### Application Temperature

*Storing* : 120°C - 140°C.

*Mixing* : 150°C - 160°C.

*Compacting* : 120°C - 140°C.

### Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

### Packaging:

New steel drums, reconditioned steel drums, Weatherproof packaging in poly bags or Bulk Steel Drums : 180Kg, 200Kg  
Poly Bags : 300Kg, 1000Kg  
Bulk : Tank Containers

### Code Approvals/Compliance:

Meets: BS EN 12591, SANS 4001-BT1:2016

### Learn More

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